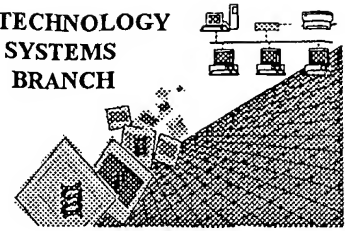# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/663,208_

Source: _OIPE_

Date Processed by STIC: _·9/26/2003_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

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            http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , EFS Submission User Manual - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
            Or ·
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 04/24/2003

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/663,208

DATE: 09/26/2003
TIME: 14:32:20

Input Set : A:\seqlist.txt
Output Set: N:\CRF4\09262003\J663208.raw

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   3 <110> APPLICANT: Altmann, Scott W
   4         Wang, Luquan
   5         Graziano, Michael
   6         Murgolo, Nick
  10 <120> TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
  12 <130> FILE REFERENCE: JB01603-K2-US
  13 <140> CURRENT APPLICATION NUMBER:
  15 <141> CURRENT FILING DATE: 2003-09-16
  17 <150> PRIOR APPLICATION NUMBER: 60/397,442
  19 <151> PRIOR FILING DATE: 2002-07-19
  21 <150> PRIOR APPLICATION NUMBER: 10/621,758
  23 <151> PRIOR FILING DATE: 2003-07-17
  25 <150> PRIOR APPLICATION NUMBER: 10/646,301
  27 <151> PRIOR FILING DATE: 2003-08-22
  29 <160> NUMBER OF SEQ ID NOS: 50
  31 <170> SOFTWARE: PatentIn version 3.1
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pp 1-6

Does Not Comply
Corrected Diskette Needed

Per Sequence Rules, n's need to be explained.
See p. 5 for error explanation

ERRORED SEQUENCES

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    1801 <211> LENGTH: 3993
    1802 <212> TYPE: DNA
    1803 <213> ORGANISM: Rattus sp.
    1805 <400> SEQUENCE: 10
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E--> 1808 aayccngary tnwsnggngg nytnacnwsn ytnwsnaayg tnwsntgyyt nwsnaayacn  180
E--> 1809 ccngcnmgnc aygtnacngg ngarcayytn gcnytnytnc armgnathtg yccnmgnytn  240
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E--> 1811 wsnwsnatgw snathacnaa rgcnytnytn acnmgntgyc cngcntgyws ngayaaytty  360
E--> 1812 gtnwsnytnc aytgycayaa yacntgywsn ccngaycarw snytnttyat haaygtnacn  420
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E--> 1814 carmgnwsnt tygcngaraa rgcntaygar wsntgywsnc argtnmgnat hccngcngcn  540
E--> 1815 gcnwsnytng cngtnggnws natgtgyggn gtntayggnw sngcnytntg yaaygcncar  600
E--> 1816 mgntggytna ayttycargg ngayacnggn aayggnytng cnccnytnga yathacntty  660
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E--> 1820 atgccnggnt ggytngcnyt nathathath ttyacngcng tnttygtnyt nytnwsngcn  900
E--> 1821 gtnytngtnm gnytnmgngt ngtnwsnaay mgnaayaara ayaargcnga rggnccncar  960
E--> 1822 gargcnccna arytnccnca yaarcayaar ytnwsnccnc ayacnathyt nggnmgntty 1020
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Same errors

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E--> 1826 ttyggnccnt tyttymgnac naaycarath ttygtnacng cnmgnaaymg nwsnwsntay    1260
E--> 1827 aartaygayw snytnytnyt nggnwsnaar aayttywsng gnathytnws nytngayttly   1320
E--> 1828 ytnytngary tnytngaryt ncargarmgn ytnmgncayy tncargtntg gwsnccngar    1380
E--> 1829 gcngarmgna ayathwsnyt ncargayath tgytaygcnc cnytnaaycc ntayaayacn    1440
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E--> 1833 wsntgyatgg cngaytaygg ngcnccngtn ttyccnttyy tngcngtngg nggntaycar    1680
E--> 1834 ggnacngayt aywsngargc ngargcnytn athathacnt tywsnytnaa yaaytaycca    1740
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E--> 1838 athathgtnt tyytntayat hwsnytngcn ytnggnwsnt aywsnmgntg ywsnmgngtn    1980
E--> 1839 gcngtngarw snaargcnac nytnggnytn ggnggngtna thgtngtnyt nggngcngtn    2040
E--> 1840 ytngcngcna tgggnttyta ywsntayytn ggngtnccnw snwsnytngt nathathcar    2100
E--> 1841 gtngtnccnt tyytngtnyt ngcngtnggn gcngayaaya thttyathtt ygtnytngar    2160
E--> 1842 taycarmgny tnccnmgnat gccnggngar carmgngarg cncayathgg nmgnacnytn    2220
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E--> 1845 athytngayt tyytnytnca ratgacngcn ttygtngcny tnytnwsnyt ngaywsnaar    2400
E--> 1846 mgncargarg cnwsnmgncc ngaygtnytn tgytgyttyw snacnmgnaa rytnccnccn    2460
E--> 1847 ccnaargara argarggnyt nytnytnmgn ttyttymgna arathtaygc nccnttyytn    2520
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E--> 1849 ytntayytna tgtgyaayat haaygtnggn ytngaycarg arytngcnyt nccnaargay    2640
E--> 1850 wsntayytna thgaytaytt yytnttyytn aaymgntayy tngargtngg nccnccngtn    2700
E--> 1851 tayttygtna cnacnwsngg nttyaayttly wsnwsngarg cnggnatgaa ygcnacntgy    2760
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E--> 1857 ccnaayathm gntgyccnaa rggnggnytn gcngcntaym gnacnwsngt naayytnwsn    3120
E--> 1858 wsngayggnc argtnathgc nwsncartty atggcntayc ayaarccnyt nmgnaaywsn    3180
E--> 1859 cargayttya cngargcnyt nmgngcnwsn mgnytnytng cngcnaayat hacngcngay    3240
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E--> 1861 gtnttytayc arcartayyt nacngtnytn ccngarggna thttyacnyt ngcnytntgy    3360
E--> 1862 ttygtnccna cnttygtngt ntgytayytn ytnytnggny tngayatgtg ywsnggnath    3420
E--> 1863 ytnaayytny tnwsnathat hatgatthyt n gtngayacna thggnytnat ggcngtntgg    3480
E--> 1864 ggnathwsnt ayaaygcngt nwsnytnath aayytngtna cngcngtngg natgwsngtn    3540
E--> 1865 garttygtnw sncayathac nmgnwsntty gcngtnwsna cnaarccnac nmgnytngar    3600
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E--> 1867 aayttyccng gnathytnat hytnggntty gcncargcnc arytnathca rathttytly    3720
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E--> 1870 gcnwsngarg cngcngtngc nccngarccn wsntgyccnc artayccnws nccngcngay    3900
E--> 1871 gcngaygcna aygtnaayta yggnttygcn ccngarytng cncayggngc naaygcngcn    3960
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```

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      2578 <213> ORGANISM: Mus sp.            same error
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E--> 2590 gcnwsnytng cngtnggnws natgtgyggn gtntayggnw sngcnytntg yaaygcncar   600
E--> 2591 mgntggytna ayttycargg ngayacnggn aayggnytng cnccnytnga yathacntty   660
E--> 2592 cayytnytng arccnggnca rgcnytngcn gayggnatga rccnytnga yggnaarath   720
E--> 2593 acnccntgya aygarwsnca rggngargay wsngcngcnt gywsntgyca rgaytgygcn   780
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E--> 2603 ytncargary tnytngaryt ncargarmgn ytnmgncayy tncargtntg gwsncaygar  1380
E--> 2604 gcncarmgna ayathwsnyt ncargayath tgytaygcnc cnytnaaycc ncayaayacn  1440
E--> 2605 wsnytnacng aytgytgygt naaywsnytn ytncartayt tycaraayaa ycayacnytn  1500
E--> 2606 ytnytnytna cngcnaayca racnytnaay ggncaracnw snytngtnga ytggaargay  1560
E--> 2607 cayttyytnt aytgygcnaa ygcnccnytn acntayaarg ayggnacngc nytngcnytn  1620
E--> 2608 wsntgyathg cngaytaygg ngcnccngtn ttyccnttyy tngcngtngg nggntaycar  1680
E--> 2609 ggnacngayt aywsngargc ngargcnytn athathacnt tywsnathaa yaaytaycc  1740
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E--> 2623 ytncaymgnt tyathmgncc ngtngtnytn ytnytnttyy tngtnytntt yggngcnaay  2580
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RAW SEQUENCE LISTING   DATE: 09/26/2003
PATENT APPLICATION: US/10/663,208   TIME: 14:32:21

Input Set : A:\seqlist.txt
Output Set: N:\CRF4\09262003\J663208.raw   *same error*

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E--> 2628 ccnaaycarw sntaygtngc nathgcngcn wsnwsntggg tngaygaytt yathgaytgg   2880
E--> 2629 ytnacnccnw snwsnwsntg ytgymgnath tayacnmgng gnccncayaa rgaygartty   2940
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E--> 2631 ccngtnmgnc cnacnacnga rcarttycay aartayytnc cntggttyyt naaygayacn   3060
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E--> 2633 wsngayggnc arathathgc nwsncartty atggcntayc ayaarccnyt nmgnaaywsn   3180
E--> 2634 cargayttya cngargcnyt nmgngcnwsn mgnytnytng cngcnaayat hacngcngar   3240
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E--> 2639 ggnathwsnt ayaaygcngt nwsnytnath aayytngtna cngcngtngg natgwsngtn   3540
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E--> 2642 aayttyccng gnathytnat hytnggntty gcncargcnc arytnathca rathttytty   3720
E--> 2643 ttymgnytna ayytnytnat hacnytnytn ggnytnytnc ayggnytngt nttyytnccn   3780
E--> 2644 gtngtnytnw sntayytngg nccngaygtn aaycargcny tngtnytnga rgaraarytn   3840
E--> 2645 gcnacngarg cngcnatggt nwsngarccn wsntgyccnc artayccntt yccngcngay   3900
E--> 2646 gcnaayacnw sngaytaygt naaytayggn ttyaayccng arttyathcc ngarathaay   3960
E--> 2647 gcngcnwsnw snwsnytncc naarwsngay caraartty                          3999
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        VARIABLE LOCATION SUMMARY              DATE: 09/26/2003
        PATENT APPLICATION:  US/10/663,208     TIME: 14:32:22

        Input Set : A:\seqlist.txt
        Output Set: N:\CRF4\09262003\J663208.raw
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Use of n's or Xaa's(NEW RULES):
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

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VARIABLE LOCATION SUMMARY   DATE: 09/26/2003
PATENT APPLICATION: **US/10/663,208**   TIME: 14:32:22

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VERIFICATION SUMMARY   DATE: 09/26/2003
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